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VK6WI: Sundays, 0930 hours WAST, on 7190 Kc. No frequency checks available.

VK7WI: Sundays, at 1000 hours EST, on 7190 Kc. and 146.5 Mc. No frequency checks are available.

**AMATEUR RADIO**

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**EDITORIAL**

A stirring message and, no doubt, an inspiration to each and everyone of us, entitled "A Call to the People of Australia" was recently promulgated throughout the Press and Radio Stations of Australia.

From this message springs the thought that it could be applied to the Radio Amateurs of this country—and in no small degree the members of the Wireless Institute of Australia—in that we are in danger from the apathy of the general member in not doing his bit or not putting his all towards achieving the goal of inducing each and every licensed Amateur to become a member of the Institute.

We believe that each of us has a duty to perform by recruiting into our ranks, at least, one non-member, and in so doing help further our aim from which comes additional benefits in the administrative, social, and financial spheres of our hobby.

The Federal Treasurer in his Christmas message stated that finance is the life blood of any organisation and you all know that money is a very important commodity in the conduct of a business. Each Division is a non-profit sharing business, and whatever is earned is utilised in giving a better service to its members in return.

What are you doing towards increasing this return? Are you the one who leaves it to the other fellow? If so, your apathy, coupled with that of a great proportion of your fellow

members, is the very thing that places the burden on the "faithful few" who are in turn called "the clique" because their best endeavours do not meet with your approval. Does it ever occur to you that your efforts are not recorded so they can be the subject of criticism? Perhaps you prefer to shelter in your seat at the general meeting and say nothing until the meeting is over, or in your shack vent your opinions where they do the least good.

Recently this Executive had an interview with the Minister for the Interior, The Hon. W. S. Kent-Hughes, who expressed delight at the offer of the Institute in providing a large nucleus of trained personnel for the formation of a civilian defence network. He intimated that in a Bill to be presented to the Federal Parliament shortly, provision would be made to absorb the Radio Amateur in the communication side of the proposed scheme.

This is a challenge to the members of the Institute, which we feel will be accepted wholeheartedly, but unless it is, the Radio Amateur will lower the high prestige he now holds with the authorities, both civil and defence.

Therefore, we call upon you individually and collectively to reflect on these remarks, and in so doing, give thought as to how your future efforts can be of benefit to Amateur Radio and the Commonwealth of Australia.

—FEDERAL EXECUTIVE.

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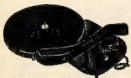
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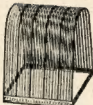
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# Agenda Items for the 2nd Federal Convention to be held at Sydney, 11th to 14th April, 1952

The Twenty-Second Federal Convention of the Wireless Institute of Australia is to be held in Sydney from 11th April to 14th April, 1952. Following is the agenda items listed for discussion:—

## ADMINISTRATION

1-1. VK3—That Federal Executive be located in New South Wales for the 1952-1953.

Comment: It is felt that the time has come for the majority of the other Divisions to share the responsibility and arduous duties associated with running the Institute on a Federal plane, and also that the introduction of new blood and fresh ideas and enthusiasm would be to the benefit of the Institute generally.

1-2. VK6—That Federal Executive be transferred to the New South Wales Division.

1-3. VK3—That consideration be given to holding the Federal Convention bi-annually.

1-4. VK4—That in view of the increasing high costs of conducting an Annual Federal Convention, the Convention be held every two years, the next to be held in 1964.

1-5. VK5—That in future Federal Convention be held once in every two years.

1-6. VK4—That a uniform method be adopted by the Divisional QSL Bureaux with respect to maintaining QSL cards for non-members, and the possibility of having them returned to the Federal Bureau after a determined time for storage, and future fate be considered.

1-7. VK1—That the addresses of the Divisional QSL Bureaux be included in the list of other official Divisional addresses in "Amateur Radio."

1-8. VK5—That the Divisional QSL Officer be the responsible person for the checking of QSL cards for the W.A.C., D.X. C.C., and other awards.

## POLICY AND FINANCE

2-1. VK5—That if and when Federal Council approves any project involving expenditure of funds a specific appropriation be made.

Comment: Economy should be practiced by the Council. It is difficult to say how much of F.E. should cut the coat to fit the cloth. A recent example of unwarranted extravagance is the colossal sum expended on contest certificates, because Federal Council did not specify any limit.

2-2. VK5—That the approval of all Divisions be obtained by F.E. before a sum greater than £25 be spent on any particular project.

2-3. VK6—That approval of Federal Council be obtained in advance for expenditure by F.E. on any item over £25.

Comment: A perusal of the F.E. expenditure will reveal sufficient reasons in all cases, the approval of Federal Council should be obtained as soon as possible in conformity with Item 33 of the 1950 Convention.

2-4. F.E.—That it be the policy of the Institute to maintain better standards of certificates issued by it both for local and overseas applicants, and that the cost be met made the major issue but rather the advancement of the W.I.A.

2-5. VK6—That the per-capita for Federal Executive be increased to 1/6.

2-6. F.E.—That the Standard Log Sheet be not made compulsory for contestants' logs as set out in the policy book, but that the wording be altered to make it voluntary act to be pursued by the Divisions.

2-7. VK6—That the Divisions be encouraged in the interests of the Institute as a whole to widely extend the knowledge of current happenings in the form of a news letter amongst themselves.

2-8. F.E.—That it be the immediate policy of the Institute within its Division to appreciate the value of increasing its technical service to the public, and that all Divisions form active technical centres to raise standards of current modern technical facilities can be owned by the Institute in every State.

Comment: With the greater technical advances made in the science of radio the Institute should be expanding in this sphere to maintain recognition as a technical Institute.

2-9. VK6—That special efforts should be made to obtain the co-operation of all Amateurs in limiting the increasing amount of QRM in evidence in the Divisional bands.

Comment: That only members of the W.I.A., but all Amateurs should co-operate, especially those who, because they cannot themselves hear a particular broadcast, think that their own transmission does not interfere on the broadcast channels.

## CONSTITUTION

3-1. F.E.—That the intention of the Uniform Divisional Constitution be discussed with a view to eliminating misinterpretation and failure to achieve complete uniformity.

3-2. F.E.—That consideration by Federal Council be given to combining the Uniform Divisional Constitution with the Federal Constitution as one document to be known as the Federal Constitution of the Wireless Institute of Australia in accordance with Item 15 of the 1948 Federal Convention.

3-3. VK6—That the Federal Constitution be altered so that the voting members are Divisional representatives only.

Comment: It is wrong in principle that the machinery by which the wishes of the Divisions are carried out has an effective say in its own destiny.

3-4. VK6—That the Federal Constitution be clarified regarding the attendance of F.E. personnel at Conventions.

Comment: There are three different sections dealing with this and they all conflict. Surely if one delegate is sufficient to represent a whole Division, one delegate is more than ample to represent an Executive, and other members should be on the same basis as observers if they attend.

3-5. VK6—That the Federal Executive be incorporated into the Federal Council as follows:—

(1) The office of the President of the Federal Council and of the Wireless Institute of Australia shall rotate annually among the Divisions and shall be known as the Federal President of the W.I.A.

(2) An Executive Vice-President, Secretary, and Treasurer shall be appointed by the Federal Council and shall carry out the directions of the Federal Council.

(3) The Federal Vice-President may, with the approval of the Federal President, co-opt up to two additional members for any specific purpose deemed necessary.

3-6. VK3—That the Federal Constitution be amended to provide that the Federal President be President of the Institute and Chairman of the Federal Council, but not a member of Federal Executive, and that Federal Council elect a Vice-President and a number of members the Federal Councilors of the Divisions, and that the composition of Federal Executive be examined to decide whether additions should be made to the status of the Federal President and Vice-President.

Comment: In order that the Federal Council shall function as an impartial body, it is most desirable that its personnel should not overlap with the Executive it directs. To date there has been a tendency for the President and Vice-President to act on behalf of the Executive rather than of the Council. If the office of Vice-President was filled from the Divisions, the decentralization of office and wider Divisional representation would throw more stress on the Australian-wide nature of the Council. The intention is to see that Federal Council operated as a completely independent body for the good of the Institute as a whole without the distraction of Executive responsibilities.

## AN APOLOGY

Owing to the publication of Agenda Items for the Federal Convention and the results of the VK-ZL DX Contests, technical articles have had to be cut severely, therefore Part VIII. of the Television series has had to be deferred for one month.

A number of letters have been received by the author of the articles, and we are printing, as space permits, some of the questions and answers which he feels are of general interest to readers. All other questions are answered directly by mail to the person concerned.—Technical Editor.

3-7. VK6—That the following extract from Federal Executive's letter to VK6, dated 1/11/51, be discussed:—

Extract: "The activity of the Federal Council has nothing to do with the Divisional Constitution except that he be appointed by the Division and becomes an ex-officio member of Council. He is not a Divisional Officer; he is a Federal Officer and his activities are governed by the Federal Constitution. His appointment by the Division under Clause 23 is perfectly valid in the same way as any other appointment of the Division may make. There is nothing else any Division can do about a Federal Council member other than appoint him, because he is not a Divisional Officer in actual fact."

## CONTESTS, PUBLICITY AND AWARDS

4-1. F.E.—That this Convention consider means of ensuring a greater degree of permanence of rules governing all contests.

Comment: Whilst contests are a very important feature of Amateur activities, Federal Council should consider the many man-hours wasted by the continual changing and amending of rules—man-hours that could well be spent in activating other interests in the hobby of Amateur Radio.

4-2. VK6—That discussion on the future of the National Field Day take place to ascertain from all Divisions whether they wish them to be continued or not.

4-3. VK6—That portable stations operating in the National Field Day Contest be limited to ten or fifteen watts maximum input because of difficulty in obtaining petrol driven generators.

Comment: Petrol driven generators are difficult to obtain whereas with a limited input of ten or fifteen watts portable power can easily be obtained from generator or vibrator supplies.

4-4. VK4—That in view of the increased interest in the National Field Day Contest, though not borne out by the number of entrants this year) it be continued for at least another year.

4-5. VK4—That Federal Council consider with great earnestness the necessity for expanding interest in the National Field Day Contest in view of the possible future requirements of Civil Defence.

4-6. VK5—That the Standard Log Sheets, as prepared by F.E., be altered to get rid of any reference to the 1951-52 Contest.

4-7. VK5—That the rules of the Ross V.H.F. Contest be revised after discussion by the Delegates of the effects of the 1951-52 Contest.

4-8. VK5—That the Ross V.H.F. Contest be extended to include all v.h.f. bands.

4-9. VK1—That the Ross V.H.F. Memorial Contest rules be amended to allow other v.h.f. bands to be included.

4-10. VK1—That it be thought that in view of the increased activity on 144 Mc. and higher frequencies the contest should not be confined to one band.

4-11. VK4—That the N.S.W. Contest Committee be again co-opted by the Federal Council as the Federal Contest Committee under 1952-53.

4-12. VK4—That the Federal Contest Committee be asked to frame a fresh set of rules for the Memorial Contest to encourage more large States of VK3 and VK3 may in future have a more reasonable chance of winning the Contest, and that the multiplier be on the number submitted to it, and not the number in the Division and not to the Licensed Amateurs in the State as it now applies.

4-13. F.E.—That the Ross V.H.F. Memorial Contest be divided into two sections: Section "A" on the lines of the present Contest, Section "B" in the form of a V.H.F. Rally, the scores of each section to be added together to determine the final result.

4-14. VK6—That an open award considered higher than the Ross V.H.F. Memorial Contest be set up for both phone and c.w. sections.

4-15. VK6—That the maximum number of entries to both phone and c.w. sections which is so lacking in past contests.

4-16. VK6—That all Contests the clause confining the operation of any one station to any consecutive twenty-four hours be deleted and that contestants be permitted to work the entire thirty-six hours of any one contest if they so desire.

Comment: After all, if a contestant wants to stay in for the whole time, why not? And as the DX bands are usually open for only part of each twenty-four hours a contestant

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4-15. VK2.—That a certificate be made available and awarded to Amateurs making confirmed contacts in the 144mhz band, and stations on frequencies of 50 Mc. and above.

Comment: Such certificates would help to popularise v.h.f. operation for which no similar award is now available. The request is not easy to meet and the award should be popular.

4-16. F.E.—That an annual Federal award be made by the decision of Federal Council at each annual Divisional Convention to a member of the W.I.A. who will be selected from six annual Divisional award winners for outstanding work in one or more of the following fields of Amateur activity:—

- (a) The design and construction of an outfit, or piece of equipment, or a member of the W.I.A. who will be selected from six annual Divisional award winners for outstanding work in one or more of the following fields of Amateur activity:—
- (b) For outstanding service in the sphere of emergency communications;
- (c) For contribution of the greatest service to the advancement of the W.I.A. Division; and that the annual Divisional award winners will be eligible only if his name and call sign together with full details of his achievements are submitted with the annual agenda by his Division for the decision of Federal Council.

4-17. F.E.—That the proposed rules for the award of a Federal award be approved by Federal Council and that upon agreement immediate and wide publicity overseas be arranged.

#### MEMBERSHIP

5-1. VK3.—That item 10 from the Minutes of the 1961 Convention be annulled.

Comment: The W.I.A. is trying to achieve unification of the Institute throughout Australia we are not allowing the Amateur the free choice of which Division he may become a member. The conception is decidedly inconsistent with our aims, even to the point of one Division not allowing Associate Membership by proxy.

Item 10 of the 1961 Convention reads as follows: "That any person eligible for membership in any grade except in Division can become a member of that Division only."

5-2. F.E.—That any member of the W.I.A. may be entitled to receive privileges from a Division other than the Division in which he is residing by the payment of a fee to that Division for such privileges.

5-3. VK3.—That to assist in publishing the Institute a car windscreen sticker in the form of a receipt for the fee be printed and issued to members for a nominal fee.

5-4. VK1.—That the matter of non-members of the W.I.A. wearing Institute badges be discussed at a v.h.f. meeting and a scheme worked by the above practice can be overcome.

Comment: Many individuals—notably Associated Members—have been known to wear badges of enthusiasm and then drop out, continue to wear badges. It is realised that they have paid for the badge and that therefore they own them, but it is felt that some scheme may be devised to overcome the practice.

#### MAGAZINE

6-1. VK4.—That the pages of "Amateur Radio" be used to publish a list of the DX Certificate Awards and their conditions as conducted by the magazine editor of the W.I.A.

Comment: So that VK Amateurs may become familiar with the requirements of same.

6-2. VK4.—That an International campaign be launched, the co-operation of overseas Amateur publications being sought for the publication of such as "Amateur Radio," "QST," "CQ," and "R.S.G.B. Bulletin" by written articles, and "Radio" by radio.

6-3. VK3.—That the Sub-Editors in each Division be directed to assist in obtaining advertising material for the magazine in accordance with duties of their office as laid down in the Federal Policy Book.

Comment: Federal Council must surely agree that at least one member in each Division must be capable of making use of all available space—or at least assist the agent Interstate in selling space—for the Magazine.

6-4. VK3.—That the present position of "Amateur Radio" be discussed by letter.

Comment: To provide an opportunity to consider Federal aspects of the magazine.

#### GOVERNMENT DEPARTMENTS

7-1. VK3.—That Federal Executive negotiate with the appropriate authorities to procure for the W.I.A. the copy rights to publish or have published an Australian Amateur Radio Call Sign Book.

Comment: In view of the present situation where "Amateur Radio" is the only publication to print amendments to the existing call sign book printed in 1948, and in view of the W.I.A. being the representative body of the Australian Amateur, it is imperative that it should take steps to procure the copy rights.

7-2. F.E.—That in all initial negotiations with Government Departments on behalf of the W.I.A. the request be made to the Administrative body rather than the Ministerial head.

7-3. VK3.—That the P.M.G. be approached with a view to obtaining a Novice and a Technical Amateur licence under the U.S.A.

7-4. VK3.—That steps be taken to press for the 160 and 200 metre bands.

7-5. VK3.—That steps be taken to press for the widening of the 46 metre band.

7-6. VK3.—That the Government be pressed to take action to eliminate or suppress electrical interference to radio reception.

7-7. VK3.—That the Government be approached to allow the emergency networks a special frequency outside and in close proximity to the Amateur bands, and that the authorities be approached to recruit Amateurs on days declared as emergency and that they be compensated for any pecuniary loss sustained.

7-8. VK3.—That the P.M.G.'s Department be approached with a view to obtaining Television licences for Amateurs.

7-9. VK3.—That the minimum age limit for the holding of an A.O.C.P. and the Amateur License be 16 years.

Comment: With the advance in educational standards we consider this step to be warranted and should be considered.

7-10. VK3.—That the Federal Council should press for an AMATEUR RADIO ACT to replace the present administration of the Amateur by Act, by Statutory Rule, by printed edict, and by by-law.

Comment: By similar methods that were taken over the Broadcasting sections of the Act, the Amateur could have an Act which would set out the fundamentals and reason for his being, together with Statutory Rules to suit his needs. The notion is that while there would have to be an administering authority, the issue would be more clear cut in favour of the Amateur.

7-11. VK3.—That the problem of non-Amateur stations operating in the exclusive Amateur bands be continually pursued with the utmost vigour.

Comment: Mere reference of this matter to the P.M.G.'s Department is not the only way the problem can be attacked. The co-operation of other Amateur groups in other countries should be sought. For example, 7000 to 7100 Kc. is exclusively Amateur in all regions; Amateurs should be encouraged to "accidentally" audit and note on the same frequency as Commercial in that part of the band, especially for local communications where the signals of the users have little effect.

7-12. VK3.—That F.E. approach the P.M.G.'s Department with a request to allow music to be transmitted on 50 Mc. and higher and that if the Department refuses permission, the matter be referred to the Federal Council.

Comment: This type of radio transmission will allow Amateurs to obtain experience in wide-band music, and will also give a legitimate field for the bands and there is no danger of interference with serious work. Only portions of the bands would be set aside for music, 147-148 Mc. Despite a recent refusal, the matter is considered worth pursuing.

7-13. VK3.—That F.E. request the P.M.G. to adopt the following policy for the re-issue of Amateur Call Signs:—

- (a) Any call sign relinquished due to death of the holder shall not be re-allocated for a minimum period of 10 years.

#### SUBSCRIPTIONS

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(b) Any call sign relinquished for any other reason must be held by the previous holder for a minimum period of five years.

(c) An Amateur applying for a re-issue of a licensed call sign, period of being non-licensed shall if he so requests be issued with his previous call sign if available.

(d) Any Amateur changing from one State to another shall on request be issued with the same letters in his call sign if these are available.

(e) The periods mentioned in (a), (b), (c) and (d) shall include periods during which Amateur activity is banned.

Comment: Although some of the points mentioned are already covered by existing laws, there have been instances where calls of deceased Amateurs have been re-issued to the embarrassment of the Institute. In such cases a solution well known by their call letters and these should be retained to avoid confusion and preserve continuity.

7-14. VK3.—That the cure of h.c.i. should not be solely the responsibility of the Amateur, but should be shared by the Government, concerned in cases where the interference is caused by circumstances beyond his control.

Comment: There have been cases of non-co-operation by Listeners which have made the cure and even the observation of interference by the Amateur impossible. Yet he is financially the cause of the problem, and a solution of the problem is not possible.

7-15. VK3.—That the P.M.G. be approached to allow any Amateurs to record and re-play gear approved equipment another Amateur transmission on the request of the Amateur concerned.

7-16. F.E.—That Federal Executive's negotiations with the Civil Defence authorities on behalf of the W.I.A. be discussed.

7-17. F.E.—That this Convention consider the minutes of the W.I.A. and the Federal Executive Communication Committee at which F.E. represented the Wireless Institute of Australia.

7-18. VK3.—That F.E. prepare a case for submission to the P.M.G.'s Department defining power limits to be used with various types of Amateur transmission based on an input limit of 250 watts in place of the present 100 watts, and that the case be presented in the form of a satisfactory to the Institute. F.E. shall submit it to the personal attention of the Minister in General.

Comment: At the present time there are various types of Amateur transmission for which logical power limits have not been set. In wireless work, the use of various types of equipment should be remembered that many countries have higher limits than our own and few have the same. The use of a particularly valuable form of v.h.f. extended group communication which is now reaching great proportions throughout Australia, and will be of extreme value for Defence.

#### MISCELLANEOUS

8-1. VK1.—That a form of contact QSL card be issued by F.E. on confirmation from contact logs and on application by members to take the place of unobtainable QSL cards for contacts made by the Institute. The application score for DX C.C. and similar awards, and that a suitable charge should be made to defray the cost of the scheme.

8-2. VK3.—That the I.A.R.U. or the A.R.R.L. be approached to take the receipt of the DX C.C. regarding the receipt of QSL cards for confirmation of contacts suggesting instead that the receipt of the Institute be sent forward a list direct to the A.R.R.L. giving confirmation of contacts made during certain periods of time.

Comment: In view of the increased postal charges and cost of printing cards, it is felt that some more economical means should be found for these stations in countries where they may be obtaining large quantities of QSL cards.

8-3. F.E.—That the first draft of the "Companion Handbook" be considered.

8-4. F.E.—That the affiliation of other societies with the Wireless Institute of Australia be discussed.

Comment: There is a large field of communication activity outside of the sphere of Amateur Radio that would be of great interest to its affiliation with the W.I.A. and the possible advantage gained therefrom in respect to increasing the Institute's membership, and control, model engineering and its relation to remote control, model aero clubs who are interested in the matter, and other allied clubs. A discussion on this subject would at least bring up some interesting and useful topics.

8-5. VK3.—That the venue of the next Annual Federal Convention be determined.

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## FIFTY MEGACYCLES AND ABOVE

Compiled by J. K. RIDGWAY, VK3CR.

## NEW SOUTH WALES

The February meeting of the v.h.f. gang, held at Science House, was devoted to a lecture by Bob Winn, 20A, on the measurement of capacity. Bob's talk was very interesting and his demonstration of a device for the measurement of capacitors from 1 uF. to 1 pF. must have startled quite a few of the chaps building a similar device.

Present at the meeting was a visitor from G Land who gave a brief talk on conditions on the 144 Mc. band in England. He also gave some details of the English zoning system whereby stations in each district are grouped into three classes. The main advantage of this system is prevention of QRM to distant stations by locals and knowing where to look for contacts with any desired district. The recent allocation of the country zone (144 to 144.1 Mc.) in VKZ has proved the excellence of this system. Some may make the same mistake when a system similar to the English one may be of advantage in this country.

50 Macayeley News: The 50 Mc. band has given a few DX openings to the small number of enthusiasts still keeping a watch on the band. VK2 has worked VK3, 4, 5, 6, and XL over the last two weeks of February.

A new station is 2HE. Located at Killara, one of the highest points of the North Shore. Adrian is getting results which promise big things when he gets going on 144 Mc. Gear in use is 2E26 with 14 watts input and portion of a cubical quad as the antenna.

144 Me. News: This band has been somewhat quiet of late with a good many of the chaps completely silent. We hope this is due to re-building activities and not lack of interest!

IGU from Canberra is once again active and being heard in Sydney, but unfortunately Arch has struck some trouble with his Tx which

caused had frequency modulation, making the signal very difficult to copy. IWH has his new QV07/40 final going and the result is a signal of good readable strength in Sydney.

STC located at Montcastle near Young has started out on the construction of 144 Mc. gear and plans to run a QRP/40 in the final and a cascade Rx. Jim is determined to contact Sydney on 144 Mc.

2ADT has been heard frequently of late and quite a number of Sydney stations have been making the contact to Cessnock.

2RU seems to be carrying out his threat of many years standing and looks like arriving on the band within the next week or so—we think! Major will be using an \$293 final and a three over three or four over four beam.

576 Mc. News: There has been mild activity on this band, a new station being 2ANK who is the furthest south and classed as near "DK". Barry is using Cec Croman's 2 telephone outfit and has been heard on 576 Mc. Is there any other outfit in use? 2ABZ has his ASBS Rx going and whilst he has not yet been able to hear 1WJ has heard 2AJZ at 57. Bill has the aerial for the 2000 ft. and has been able to hear 2 arrays for 576 Mc. Up to date his original 15 element seems to be working out best. JHL is still using a single JLL18 in a small co-axial antenna and has been able to hear 2 arrays. A capacitor and put most of the Northern boys on the band. Others active on 576 Mc. include

## VICTORIA

Dates to remember—8th April: V.h.f. Field Day No. 6; 16th April: V.h.f. Group Meeting. The February meeting of the Group was well attended and the time was spent discussing

## DX NOTES BY VK

The band survey shows as follows, stations worked\*, and times in G.M.T. or Z time:—

3.5 Mc.: At this QTH it was the band worth watching. Most W call districts were heard, strong VQ/KC8 has been very consistent. Very strong VQ and ZL sigs were heard some nights. There was a long QRM period. W8 had trouble with QRM early in the piece, and indications are that this band will be "out" for the WVE Contest on the first week-end of the same season. Without listing the Ws heard, others were PK4DA, KH6QV/KC8\*, V4AA\*, F6ZG, DL8DS, OK8FT, OK1AHH, and two Ws. I don't know if there are not more Ws here. Incidentally, if you want to hear commercial QRM, have a listen on this band at 3000Z.

Y. Me: Up here this band did not come up to expectations but 3CP found it a little better. Same good ones were heard but got away. The band was not heard in the 1000-1100 range of the band round 7010. TRE found the band patchy, with high noise level and heard nothing much out of the ordinary, except ZC4K\* and ZC4K\* was a true 100% African band. I like the usual Europeans we hear here plus KPNKD 2350Z and EACR. 3CP worked a few Ws the 1000-1100 range. I did not hear any of the band found the Commercial trouble some. But managed to work from 2002Z, W1, W2, W3, W4, W5, W6, W7, W8, W9, W10, W11, W12, W13, W14, W15, W16, W17, W18, W19, W20, W21, W22, W23, W24, W25, W26, W27, W28, W29, W30, W31, W32, W33, W34, W35, W36, W37, W38, W39, W40, W41, W42, W43, W44, W45, W46, W47, W48, W49, W50, W51, W52, W53, W54, W55, W56, W57, W58, W59, W60, W61, W62, W63, W64, W65, W66, W67, W68, W69, W70, W71, W72, W73, W74, W75, W76, W77, W78, W79, W80, W81, W82, W83, W84, W85, W86, W87, W88, W89, W90, W91, W92, W93, W94, W95, W96, W97, W98, W99, W100, W101, W102, W103, W104, W105, W106, W107, W108, W109, W110, W111, W112, W113, W114, W115, W116, W117, W118, W119, W120, W121, W122, W123, W124, W125, W126, W127, W128, W129, W130, W131, W132, W133, W134, W135, W136, W137, W138, W139, W140, W141, W142, W143, W144, W145, W146, W147, W148, W149, W150, W151, W152, W153, W154, W155, W156, W157, W158, W159, W160, W161, W162, W163, W164, W165, W166, W167, W168, W169, W170, W171, W172, W173, W174, W175, W176, W177, W178, W179, W180, W181, W182, W183, W184, W185, W186, W187, W188, W189, W190, W191, W192, W193, W194, W195, W196, W197, W198, W199, W200, W201, W202, W203, W204, W205, W206, W207, W208, W209, W210, W211, W212, W213, W214, W215, W216, W217, W218, W219, W220, W221, W222, W223, W224, W225, W226, W227, W228, W229, W230, W231, W232, W233, W234, W235, W236, W237, W238, W239, W240, W241, W242, W243, W244, W245, W246, W247, W248, W249, W250, W251, W252, W253, W254, W255, W256, W257, W258, W259, W260, W261, W262, W263, W264, W265, W266, W267, W268, W269, W270, W271, W272, W273, W274, W275, W276, W277, W278, W279, W280, W281, W282, W283, W284, W285, W286, W287, W288, W289, W290, W291, W292, W293, W294, W295, W296, W297, W298, W299, W300, W301, W302, W303, W304, W305, W306, W307, W308, W309, W310, W311, W312, W313, W314, W315, W316, W317, W318, W319, W320, W321, W322, W323, W324, W325, W326, W327, W328, W329, W330, W331, W332, W333, W334, W335, W336, W337, W338, W339, W340, W341, W342, W343, W344, W345, W346, W347, W348, W349, W350, W351, W352, W353, W354, W355, W356, W357, W358, W359, W360, W361, W362, W363, W364, W365, W366, W367, W368, W369, W370, W371, W372, W373, W374, W375, W376, W377, W378, W379, W380, W381, W382, W383, W384, W385, W386, W387, W388, W389, W390, W391, W392, W393, W394, W395, W396, W397, W398, W399, W400, W401, W402, W403, W404, W405, W406, W407, W408, W409, W410, W411, W412, W413, W414, W415, W416, W417, W418, W419, W420, W421, W422, W423, W424, W425, W426, W427, W428, W429, W430, W431, W432, W433, W434, W435, W436, W437, W438, W439, W440, W441, W442, W443, W444, W445, W446, W447, W448, W449, W450, W451, W452, W453, W454, W455, W456, W457, W458, W459, W460, W461, W462, W463, W464, W465, W466, W467, W468, W469, W470, W471, W472, W473, W474, W475, W476, W477, W478, W479, W480, W481, W482, W483, W484, W485, W486, W487, W488, W489, W490, W491, W492, W493, W494, W495, W496, W497, W498, W499, W500, W501, W502, W503, W504, W505, W506, W507, W508, W509, W510, W511, W512, W513, W514, W515, W516, W517, W518, W519, W520, W521, W522, W523, W524, W525, W526, W527, W528, W529, W530, W531, W532, W533, W534, W535, W536, W537, W538, W539, W540, W541, W542, W543, W544, W545, W546, W547, W548, W549, W550, W551, W552, W553, W554, W555, W556, W557, W558, W559, W560, W561, W562, W563, W564, W565, W566, W567, W568, W569, W570, W571, W572, W573, W574, W575, W576, W577, W578, W579, W580, W581, W582, W583, W584, W585, W586, W587, W588, W589, W590, W591, W592, W593, W594, W595, W596, W597, W598, W599, W600, W601, W602, W603, W604, W605, W606, W607, W608, W609, W610, W611, W612, W613, W614, W615, W616, W617, W618, W619, W620, W621, W622, W623, W624, W625, W626, W627, W628, W629, W630, W631, W632, W633, W634, W635, W636, W637, W638, W639, W640, W641, W642, W643, W644, W645, W646, W647, W648, W649, W650, W651, W652, W653, W654, W655, W656, W657, W658, W659, W660, W661, W662, W663, W664, W665, W666, W667, W668, W669, W670, W671, W672, W673, W674, W675, W676, W677, W678, W679, W680, W681, W682, W683, W684, W685, W686, W687, W688, W689, W690, W691, W692, W693, W694, W695, W696, W697, W698, W699, W700, W701, W702, W703, W704, W705, W706, W707, W708, W709, W710, W711, W712, W713, W714, W715, W716, W717, W718, W719, W720, W721, W722, W723, W724, W725, W726, W727, W728, W729, W730, W731, W732, W733, W734, W735, W736, W737, W738, W739, W740, W741, W742, W743, W744, W745, W746, W747, W748, W749, W750, W751, W752, W753, W754, W755, W756, W757, W758, W759, W760, W761, W762, W763, W764, W765, W766, W767, W768, W769, W770, W771, W772, W773, W774, W775, W776, W777, W778, W779, W780, W781, W782, W783, W784, W785, W786, W787, W788, W789, W790, W791, W792, W793, W794, W795, W796, W797, W798, W799, W800, W801, W802, W803, W804, W805, W80

14 Me: This band has been erratic every-  
where, and you just had to be around at the  
right time. If you were, all was well. SD  
found he could work Europeans at times when  
he could hear no other VK being called by  
them. SDW not quite so active, found little of  
interest and what he did hear could not raise.  
Gordon lists KVAQ\*, QGSC\*, KXSAO\*, 4XX\*,  
APBN, 4UA\*, JG and JAG, and a few others.  
SDW, on time, found leading Townsville  
much better QTH for DX than Ipswich. Euro-  
peans were almost non-existent there, but  
plenty now. Jock is just finding his feet on

The band best to date has no complaints. Well, till you hear the bands really turn it on. OK, BCK also somewhat inactive this month and they're still waiting for a new manager, but managed to snare VPZMD and MP4KCA. Alan said XJO landed L14741 on Deception Is. It was a good idea, but one of poor results was applied in the "Apple file." New Europeans in the late evenings being the main DX. Ray lists TSJH at 7002, JEEB APBA, LAJB, and KXVY. The YVEP's are still active. VPINZ+ 2130Z. XXX has the serene complaint re the bands, but one notable change is the reduction in the number of stations calling in, not on the lower frequencies found JA0J+. Two Jimas, MPRBD+, CTAAE, LAQAB, RA8BE, FNADL PZIVK, BS3AA+ (Balkans), MN4AKA, and ZN6W. The latter two have been heard on E2THL. As you see, most of them got away. Hi Me.: Very little news of this band, and none from the UK. I'm afraid the situation there. 7BK found the band useless as he also did XXX, who worked ZK3AA to give him a new one. Have no news from SDG, ADG, SHI and SJR.

The "gen" section this month has little of interest. Another station is expected to be operating from Reunion is shortly, F9EJ is expected to be back on QSL. XG6L, XG7L, JA8JL (two Jims) is R. W. Cook 1083, Alcatraz Oakland, and MM4BBD is Box 631, Awail, Alaska. The ship with 3CX thought he had been turned over to the PTJAD in the VR1A is now on the air again after a holiday in VE3. For those who are interested in QSLs from the ship, I have heard that KX4C YI3ZRL has been allowed for no DK CC card, but so far not ETXX, ETRX and SUJAD; KV4AA said the ET QSLs have been allowed by the ARRL.

QSLs of note are not many. ZOW had them from DUIGT and OASA, increasing his total to 61 confirmed, while SCJ had FGCV/FC, MDSP/JR, and GYUW/TA, and ZTAD and 4CC very pleased with one from JA2AN, who was HC1GP. THK, after sorting out the odds and ends, has sent me 10 QSLs. My own were KGAFV, VQSCW 7 and 14 Mdx, PJUTJ, ZCAOH, OSQDA

● The thought for the month is a repetition of a previous one. "If you intend to enter a contest, make sure of the rules first!" A VKI, according to his number, was using in the A.R.R.L., over 300 watts. Even if you were OM, don't advertise it.

Cheers till next month and please let me have your doings, and once again—what about a VKI???

Several important matters, amongst which were the Field Days and the SPS MC Contest award. On 8th March more portable stations were out on the air than ever before. The contest was won by the break-through of signals from TFF and ILZ, both at Launceston, who worked over 600 stations. At Hobart, while SAKE and SXA also worked TFF, the VKI cross-State relay had to be cancelled as it was found that the VKI could not reach a portable from Table Cape on the North Coast, was transferred to Devonport and could not get his gear ready in time. However, it is hoped that next year's contest will be held on the April Field Day. 7LE and TOM went from Hobart to Mt. Wellington and LAJ and TDH did the same. No reports from Melbourne, although no reports of contacts are to hand.

Other portables in VKI were JARA (Mt. Tarago), ACAC (Mt. Macedon), WYU (Mt. Stirling Ranges), JUI (Mt. Major), ZFO (near Mt. St. Leonards), JPO (Mt. Donna Bungle), and GAD (Mt. Robinson). In the TFF group, a portable location near Batlow. JUI and ZPH worked several times during the day with good signals at both ends, however JUI was busy with other work. There were many Melbourne stations. Many were on during the day but none appeared to have any interest in making contacts. It is hoped that next year Alan should feel that his efforts were well-rewarded by the Melbourne stations. In addition, he should be able to make contact with those who want an xtal control for the first time using a single VT501 treble as the final AFT. This would mean no more need for him to go as to the portable stations and their locations on the next Field Day but as this will be the last of the present series, many stations

Don't forget the Field Days Contest as this will conclude with the next Field Day. Logs covering all six Field Days should be posted to reach the Secretary of the Group not later than 30th April, 1982. The winners will be announced and prizes awarded at the May meeting of the Group. Please send your logs in early.

## SOUTH AUSTRALIA

Activity is still increasing on the higher frequencies and many stations can be heard working nightly. 87M is a new one on 144 Mc. Give to hear you down there Pete, 8ME is back on the air again. 5GL/3QR are heard nightly cross-band or otherwise. 5MO has a good signal. 3JO has been active on 30 Mc. 5WI already heard on from the Royal Adelaide Exhibition. 5BC/5MA heard in QSO on 7 Mc. remarking about lack of city signals. 5AX still gets through to the city on 30 Mc. 5XU has worked the town lads also.

BGL has been carrying out polarization tests on 288 Mc. and has a solution to the QRM caused by mod. oscillators on that band. Controlled tx/rx's use horizontal antennae, the mod. osc. super regen rx's use vertical, all QRM is caused to each other. Clem requests tests be tried out Interstate and see if it works out also. What say chaps.

SQR has received his Ross Hull Contest Certificate and very pleased with it. Has to sight the trophy yet. SMC believed dismantling gear prior to shifting QTH.

SHD should have a handy lead in the local contest, having several contacts with SMC.

## WESTERN AUSTRALIA

Condition on 8 and 2 mX in W.A. during January and February (the latest periods possible of reporting in this issue) are reviewed below. The 50 Mc. band has opened on several occasions to VK3 and VK1, maybe to others, but none heard. GFC made a trip to Perth but has not been heard. BSB is still in Perth. Narrogin. GBS is back on the band and has worked through to VK3 and also to Perth through GTR at Narrogin. BSB is still working in the 50 Mc. band. Basil's signal is a 1 m. Another recent 6 mX visitor to Perth was G6K who got around to most of the v.h.f. shakers in the 50 Mc. band. This time he was a 6 better now than for some months past. G6K has returned to work and is unable to make the usual noise. G6K is another who spends

144 Me.: Not much to report here, but stations active in the West include 6AG, 6BO 6DW, 6GB and 6OR. The biggest news of late was the 3 mhz break-through to VKS on February 9 when 6BO worked 5GL and 6QR on phone. The opening lasted for well over half an hour.

128 Mr.: GHK has been heard on this band by GBO. GHB has a s.c.w. rig (5C8123) with tripling and a square-wave antenna. Jack puts a good signal over to GHK and a readable one to GBO. Best effort so far was GHK's "keying backwards" technique which is a new method of obtaining m.c.w. GBO is another using an 832, this time as a p.a. driven by his crystal exciter. Puts quite a decent signal across to GHK.



Algeria FARDA 313	AFRICA Union of S.A. ZSSU 72 Check Lok ZS4XK	Madagascar VQRAF 8	Canada VETADH 234 VEBWZ 43	Costa Rica TTCOE 245	Cuba COSMO 3 COSOK 2	PH VR3CG 3234 VR3BJ 990 Tahiti HOB 234	OCRAHIA Hawaii KH1L 3330 KH5ADY 224 KH5AER 28	Guam W0DEA/ K6G 84
Fiji VR3CG 7094 KHB1J 2974	OCRAHIA Guam New Caledonia VKRAL 910		Brunei PY1ANU 42	SOUTH AMERICA Chile CE1AJ 153			ASIA Malaya VS1BS 923 VS1CJ 338 VS1KL 198 Formosa C3MY 96	Japan JAZ2K 2970 JAZ2K 1177 JAZ2K 1180 JASCO 520 JAZOO 4
Brazil PT1ADA 405	SOUTH AMERICA Falkland Is. VY5AE 729	Venezuela	England G3DQZ 810 G3AJ 676 G3EGG 362 G3KCN 322 G3DVM 44	Denmark OZ1P 1 OZ1SP 4	Switzerland HB1LA 245 Netherlands PA1NU 115 PIL 48 PARIA 40	Hong Kong VSR3B 978 VSR3P 610		
Burma XZ3EM 1080	ASIA Hong Kong VSR3G 770 VSR3H 720 VSR3T 790	Japan JAZ3H 1802 JAZOO 154	Scotland G3MHN 360	France FOX 208 FUT 132	Spain EA3JW 1		3.5 Mc. PHONE NEW ZEALAND ZL1FM 1	
Ceylon VB7NG 1080	Malaya VSR3T 790		Wales G3WSP 128	Germany DL1R 50	Sweden SM1LL 45 SM1AF 6		7 Mc. PHONE NEW ZEALAND ZL1MQ 4	
Formosa C3MY 720	Israel VK4RE 967	VS1DZ 2912 VS1EJ 810	Lithuania MD1AM 115	AFRICA Tunisia JVS2B 189	Union of S.A. ZS6JS 84			
C.W. 3.5 Mc. BAND								
VR3KX 1		ZL4CD 1						

C.W. 7 Mc. BAND		
VK1JE 1800	VK1FH 728	VK1AH 228
VK1DG 825	VK1DI 120	VK1XB 228
VK1GW 846	VK1DQ 730	VK1FA 49
	VK1ZC 280	
NEW ZEALAND		
ZL1LL 1785	ZL1GB 1190	ZL1MQ 530
ZL1JX 1480	ZL1MB 852	ZL1JA 294
ZL1ACV 1388	ZL1PN 854	ZL1IB 9

C.W. 14 Mc. BAND		
AUSTRALIA		
VK3KK 10615	VK3VD 1762	VK3ASB 320
VK1SD 8533	VK3AW 1762	VK3T 220
VK2DG 8548	VK3PL 1764	VK3PV 180
VK4DA 8095	VK3MT 1820	VK3EH 154
VK2AH 7345	VK3LI 1560	VK2ABE 130
VK2EC 8984	VK3DA 126	VK3AND 190
VK2DA 5606	VK3WW 1276	VK3ACI 70
VK4EL 5535	VK3LJ 1150	VK3AV 63
VK3D 1502	VK3OW 843	VK3B 54
VK3PJ 5282	VK3AC 874	VK3BZ 40
VK3JE 5181	VK3ASW 880	VK3WO 45
VK3KN 4884	VK3AC 846	VK3ASG 42
VK3RS 4833	VK3AM 470	VK3RH 42
VK4KS 4280	VK3CX 468	VK3RM 42
VK3AZW 3870	VK3BS 435	VK3KX 30
VK3AZ 3884	VK3AJ 434	VK3ADW 34
VK3D 3045	VK3RJ 354	VK3AEP 15
VK3RH 2987	VK3NT 375	VK3LU 15
VK3AM 1860	VK3H 367	VK3OK 15

NEW ZEALAND		
ZL1MB 10880	ZL1AK 1456	ZL1ACV 749
ZL1CA 8470	ZL1RD 1107	ZL1NX 720
ZL1AAW 8216	ZL1JA 880	ZL1QW 490
ZL1AZ 8900	ZL1Q 868	ZL1IA 577
ZL1CS 2983	ZL1FE 864	ZL1CP 388
ZL1MQ 2492	ZL1DX 860	ZL1GX 224
ZL1MN 1738	ZL1AF 806	ZL1MT 77

C.W. 27 Mc. BAND		
AUSTRALIA		
VK3RA 25	VK3HA 8	VK3EC 1
C.W. 28 Mc. BAND		
AUSTRALIA		
VK3RU 960	VK3D 480	VK3RA 300
VK3HA 615	VK3ZC 394	VK3DO 40
VK3KS 538		VK3FH 8
NEW ZEALAND		
ZL1HY 610	ZL1BP 620	ZL1JA 338
	ZL1MQ 630	

PHONE OPEN		
AUSTRALIA		
VK3RT 15456	VK3AM 2306	VK3AK 1156
VK3IA 8030	ZL1JA 122	VK3DO 779
VK3IC 6340	VK3ATN 3448	VK3X 4
VK3RU 5546	VK3AM 1818	VK3PG 170
VK3MK 4950	VK3BD 1774	VK3ASB 154
VK3D 4512	VK3LC 1845	VK3LZ 123
VK4CB 3570		VK3RA 2
NEW ZEALAND		
ZL1HY 9447	ZL1MQ 5015	ZL1PV 96
	ZL1JA 122	

NORTH AMERICA		
Limited States of America		
W3WZ 308	W3QIX 20	W7YL 1
W3DZ 12	W3DI 2128	W7PUM 420
W3HA 30	W7YX 144	W7AHX 218
W3L 138	W7YX 122	W7D 1812
W3KC 80	W7WJX 168	W7HAD 135
W3LF 35	W3SQP 30	W7IN 704



Centre Trophy. VK3DG and ZL1MB, winners Open C.W. DX Contest; Right Trophy. VK4KS and ZL1HY, winners Open Phone DX Contest; Left Trophy. VK3KK and ZL1IA, winners Jubilee Relay.

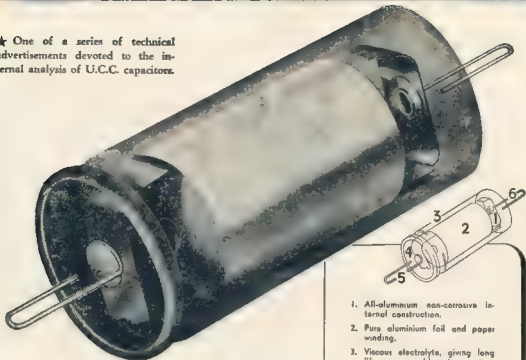
14 Mc. PHONE		
AUSTRALIA		
VK1LN 7686	VK1AHM 770	VK1LM 162
VK1KS 3203	VK1AHP 693	VK1VW 150
VK1D 5940	VK1E 578	VK1NG 160
VK1ZE 4608	VK1DQ 405	VK1SJ 120
VK1HA 4410	VK1WV 322	VK1KL 104
VK1D 1420	VK1E 888	VK1AJ 84
VK1K 2917	VK1PT 394	VK1SJ 84
VK1AT 2904	VK1ATA 312	VK1BQ 77
VK1RU 2502	VK1PT 308	VK1AY 77
VK1MS 2178	VK1ADW 308	VK1AGT 70
VK1AP 1700	VK1AU 232	VK1AW 45
VK1DA 1150	VK1DO 316	VK1MX 35
VK1P 1420	VK1AL 888	VK1D 35
VK1CT 1232	VK1WM 188	VK1CA 30
VK1V 822	VK1AA 182	VK1AX 38
VK1AZ 888	VK1Z 187	VK1AG 30
VK1AZ 782	VK1DI 183	VK1AB 30
		VK1AC 8
NEW ZEALAND		
ZL1GX 9048	ZL1AAM 1090	ZL1QK 804
ZL1HY 4185	ZL1AL 680	ZL1AAH 210
ZL1MQ 2527		ZL1GA 180

28 Mc. PHONE		
AUSTRALIA		
VK4KS 2678	VK4EL 285	VK3FP 135
VK4HA 860	VK4RU 581	VK3IG 68
VK3PS 894	VK4EK 406	VK3VS 24
VK3GW 814	VK4DO 378	VK3LC 24
NEW ZEALAND		
ZL1JE 2775	ZL1MQ 405	ZL1QI 330
ZL1JA 2214	ZL1KX 351	ZL1GC 84
ZL1HY 855		ZL1HG 21

RECEIVING SECTION		
AUSTRALIA		
BERS-188	14079	Smyth 902
	4410	McIntosh 709
	2903	Dash 358
	1880	Jones 245
	1485	Edwards 160
	840	Pearce 66
NEW ZEALAND		
	8794	Burgess 1044
	7094	Could 1914
	3842	Ryder 881
	3090	Gawler 828
	2548	Tackman 165
EUROPE		
Austria		
OE-403	1847	Switzerland 364
OE-196	1284	HERDOK 254
OE-150	714	Globalar 254
OE-323	714	BERS-748 224
OE-347	177	
OE-515	171	Engberg 175
OE-225	112	England 1944
OE-483	12	B.R.S.-1522 573
		B.R.S. 19107 573
		B.R.S.-1586 120
ASIA		
Japan		
Yoshida	2408	JAZ-250 184
JT-42	1830	J3-183 162
J5-183	1404	J3-38 176
J1-480	720	J3-332 174
J1-829	880	Nabimura 168
Akutsu	880	J2-72 38
JAZ-85	550	JAZ-347 15
Higuchi	520	Nakamura 12
	520	
Check Logs. Tanguchi Ito, J3-30, JAZ-21, Saito, Mizoguchi, J8-181, Tanaka, Shimizu.		

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# FEDERAL, QSL, and DIVISIONAL NOTES

## FEDERAL

**2nd ANNUAL FEDERAL CONVENTION**  
Not long after this issue of "Amateur Radio" appears on the bookstands and reaches familiar members of the W.I.A., the 2nd Annual Federal Convention of the Wireless Institute of Australia will be in session.

Upon the decision of Federal Council at the 11th Annual Federal Convention, this year's Convention is sitting in Sydney. Delegates will arrive there on the 10th April from all States of the Commonwealth to deliberate on the conduct of the largest agency ever held, called at a W.I.A. Federal Convention—in all 72 items exclusive of general business items.

The Convention will open at 2 p.m. on Friday, 11th April, and continue through until some time in afternoon of Monday, 14th April.

The following officers of the W.I.A. will be present:

Mr. G. Glover, SAG, Fed. President.  
Mr. G. Weyburn, SKU, Fed. Vice-President.  
Mr. G. H. Hull, 32S, Fed. Secretary.  
Mr. G. Mansfield, SKI, Fed. Treasurer.  
Mr. W. Gronow, 3WG, Fed. Publicity Officer.  
Mr. V. Wilson, 3VN, N.S.W. delegate.  
Mr. J. Doyle, 3J, observer.  
Mr. C. White, 3AUP, Vic. delegate.  
Mr. L. Jackson, Vic. observer.  
Mr. J. Burdett, 3RK, QSL delegate.  
Mr. W. J. Bulling, 3BK, QSL delegate.  
Mr. J. Coulter, 3WD, S.A. observer.  
Mr. R. W. Hugo, 3KW, W.A. delegate.  
Mr. D. Foley, 3Y, observer.

Elsewhere in this issue will be seen the agenda for this Convention. Your membership—also observe where a Division has sent one or more to sit at the Convention. A cable right over the Easter holiday period and decide matters of considerable importance to the membership and the future of Amateur Radio and the Wireless Institute of Australia.

If you are interested—and all members should be—you are cordially invited to attend the Convention and listen in on the proceedings. With the exception of Friday, 11th April, and Sunday, 15th April, Convention sessions will commence at 10 a.m. and run in the above order, with a break in the afternoon of the two days. It will be held on the premises of Associated Newspapers Ltd., 50 Elizabeth St., Sydney, N.S.W.

## FEDERAL QSL BUREAU

RAY JONES, VKIRL, MANAGER

Although Felix FKXAB left Noumea by ship on March 8 for his furlough in France, the old QSL Bureau address: Box 104 Noumea, still holds good for the time being. FKXAB will take care of cards addressed to the Box.

The R.C.A. (Italy) with QTK Box 122, Ravenna, Italy, announces a new convention. W.A.I.P. Working All Italian Provinces. The Rules provide that claimants must have proof of contact with 40 of the 75 Italian Provinces and must submit these cards to the R.C.A. A list of the Provinces is held at this Bureau. The R.C.A.—a newly formed body apparently in opposition to the A.I.C.—seems to be following the pattern which we have seen in many other European countries during the past 10 years and it is hoped that this division does not interfere with our own division.

CJJK, Jack, of Box 419, TAIPEI, Taiwan, has presented me with a new problem. He has sent a multiple card containing 14 Mc. phone contacts with VKQDB at 2101 RS 66/7; VKACQ 2117 RS 66/7; and VKAKN 2136 RS 66. All on November, 1951. To whom do I send this card?

Bob VKIRG expects to be leaving for Macquarie Island in April. His call sign there is 2ZB. He is expected to be in the Sydney harbour during March to tie up a few loose ends prior to his departure for Macquarie Island.

A card sent to the QSL Bureau by a QSL from VKIVU as his African confirmation. This is interesting as it is the first card from VKIVU sighted by this Bureau, and proves that they are actually active. The W.A.I.P. card also states that he, through an intermediary, offered to fill out and despatch all cards on behalf of VKIVU as a multiple card. This is a lot of work and cards. This generous offer is alleged to have brought forth the reply that "They can't go out and fill in the lake, brother them." or more forceful and unambiguous words to that effect.

Frank Clark, VKACF, expects to visit Melbourne and Victoria during the middle of April. Trevor Boyd, ex-VKIRL, whose QTK is now P.O. Stratford, via Cairns, Qld., expects to be heard under a VK4 call sign shortly. Trev.

The Divisional information usually published here will in future appear in the March, June, September and December issues only.

cleaned up his backlog of VK1 QSLs but unfortunately a considerable number cards are owed to him, by VK stations, particularly. Trev. forwards a list of the outstanding VKs through B.E.R.U. The list is so large that it indicates they must be held up somewhere along the line. If Divisional QSL Managers, particularly VKs, are holding any cards for the above QTK, please forward them to the above QTK.

The accuracy of a listing in January "A.R." to the effect that New Amsterdam Isld. (FBZ22) is in Zone 29 is disputed by a correspondent who states that the FBZ22 card he has shows the position of the island as Long 71°E. Correspondent claims that Zone 29 joins Zone 30 at Long 80°E, and cites the N.Z.A.R.T. list as showing the island as in Zone 30 which he claims is correct. Could the DX C.C. Manager publish a ruling on this point?

Another correspondent wanted to know how the Newcastle Ham was won the "Jubilee DX Contest" and already have their cups as published in March "A.R." seeing that no results have been published or other section winners informed.

Writer expected that notes for this column would be brief or entirely non-existent this month (March) due to his absence on vacation. However, due to a number of reasons including the necessity for chiropractic treatment to "offset the onset" of indigestion usually associated with advancing age, made it impossible to leave Melbourne, so the "gold in them thar hills" stays put for at least a further twelve months.

## HER MAJESTY'S REPLY

The following reply was received from Her Majesty, Queen Elizabeth II, in answer to a message of sympathy from the members of the Wireless Institute of Australia on the recent passing of her Father, King George VI.

Clarence House,  
St. James.

The Private Secretary is commanded by the Queen to thank the Wireless Institute of Australia for their kind message of sympathy, which Her Majesty much appreciates.

18th February, 1952.

Managing a QSL Bureau has not many advantages, but disadvantages plenty, one of which is the handling of cards. This is worked by the Manager but when the station the QSL. This has happened on so many occasions even with stations that QSL 100%, such as VKIRG and VKIRV.

A panel on page 18 of March "A.R." relative to the forthcoming B.E.R.U. Contest, 1952, indicates that other information can be obtained from the Divisional Secretary or the Federal QSL Manager. Up to the moment of writing (March 8) neither the VK3 Divisional Secretary, Federal Secretary, or the QSL Manager has any further info or copies of the rules. This will explain to applicants why so far I have been unable to fulfil their requests.

## NEW SOUTH WALES

The February meeting of the N.S.W. Division was held at Science House, Gloucester Street, Sydney, on Friday 2nd, with President Mr. John Wootton in the chair. Sixty members attended the meeting which opened at 8 p.m. The preliminary business was quickly disposed of and a very interesting paper on "The Portable Equipment" was given by Mr. Bob Zuker with a demonstration in which he was assisted by Ian Gifford, VK3YU.

He dealt first with the subject in general. The merits of different frequency bands, frequency modulation or amplitude modulation,

antennae, etc., and then described in more detail several commercial models with emphasis on the special merits and purposes of each. He had two of the sets with him. One boy, did our mouths water? They were the perfect example of how to build a twenty-two tube kit. One consisted of a chassis with ten inches long and four inches wide without any suspicion of crowd anywhere. The other was sub-miniature of course. There were probably a good many boys who would be capable of putting together a job like that, not me though!

Mr. Graefield and some of the boys took one of the sets walk-about round the streets among the tall steel framed buildings while the other was operated in the hall and only once for a few seconds did the strength drop below maximum. Mr. Zuker then acted as "Aunt Sally" for questions and the boys fired them at him point blank. He had all the answers though, and then some. A vote of thanks was moved by Angus Robertson and passed by acclamation.

The meeting was then opened for general business and the President exhorted members willing to do their bit for the W.I.A. to come forward and nominate. The meeting then in view of the agenda item to be discussed at the coming Federal Convention suggesting that the meeting be adjourned.

A suggestion from the chair that the P.M.G. be asked to issue two new classes of license, viz. "Novice" license and "technician" license, was enthusiastically received and after a discussion with many constructive ideas coming forward, a motion to implement the suggestion was carried unanimously. Most of the time of this 'ere long and it may be the turning point for the hobby in this country. The matter will be discussed at the Federal Convention.

## VISITORS TO URGUNGA CONVENTION

An excellent suggestion has been received from Cliff 3XO asking all visitors to Urgunga to bring with them any portable or other equipment in which they are short of spares and others interested just how equipment being constructed for the W.I.A. As can be seen from this note, it is an excellent opportunity to assist the country in the building of the higher frequencies, and one that will not be repeated for a long time. The lads themselves will be asked to hand in a list of the details they were not clear on when they started on the v.h.f.

## NORTHERN SUBURBS

Many thanks to Harold 2AQP and John 3ANF for assistance in compiling these notes. Any news of Ham activity in this or any area will be very much appreciated. Gerald 3AGS back on 40 after a trip to England. Mac 3KLI about to call in on holidays to VK4 and home to call in at Urgunga on the way. Bill 3WV is busy constructing a relay VK4 for 30 Mc and the 3Mansly 3JH intend giving hand in erection of same. 2AEN busy with photography and not heard as much these days. Stan 3ASH has lost us and gone to Canberra so far from the YL New Ham? Harold 2AQP recently returned from a pleasant holiday in VK3 where he was a member of a national 2PM club. He is active of late, hopes to move into 20 Mc shortly when the 20 Mc beam will be put into operation again. Adrian 2HR, a new Ham in VK3, is active and giving good assistance with Ham Radio to be a very happy one. Adrian.

Of interest to all zones, Bob Black VK4QJ is coming home from his trip to England. He is out the gear he intends taking with him on the trip, which he expects to last about five months from the beginning of March. Should be a good contact, and will be active on 20 Mc as VK4QJ/VK4.

Dave 2EO changing the elusive DX on 20 Mc and 30 Mc. He is now in the YL. He is in threes of building his first beam and tower. 2AHD heard changing DX on 40 and 20. Leyel 3CJW heard during the day. He is building the GRM and GRN; hope you make a big score. Leyel. John 3ANF had a visit from Ken 2ANU of Muswellbrook who is holidaying at Mona Vale. Ken is very much interested in the Ray 2YM is expecting to move into a new residence shortly; heard he had his car stolen and will be buying a new one. The 2BG is busy building a new house in the Dundas area and has been heard on 6 Mc only once or twice. I have a very good idea of what these notes like to help compile them? A short note covering the Ham activity in your area sent to your Zone Correspondent or to the W.I.A. will be appreciated. The addresses were given at the top of page 13 in last month's issue.

### ST. GEORGE ZONE

Virtual C.C. Cronan who listens on v.h.f. very often. Has been active mobile. 27VC listening on 50.15 Mc every night mobile. 27VC has shifted to new shack and is active on 144, 50 and 578 Mc. 27VC is also active on 27.1 Mc. 27VC is a usual Newcomer to 6 mx. Colin ZACK, welcomes contacts every night. BARRY JANK at 27.1 Mc. 27VC is active on 27.1 Mc. 27VC will welcome contacts on any band. Tom 21Y is to be heard on 6 mx again nightly. 21DY on 6 also with low power, but very spasmodic. 21DY is active on 27.1 Mc. 21DY is a signal. 27VC very quiet lately, what's doing Tom? ZKH threatens to put a signal on 2 mx. 27VC is active on 27.1 Mc. 27VC is a cooperative. Charlie ZAKZ building 978 Mc. gear. iChas 27VC has been busy studying television and his efforts with these notes are to be much

## WESTERN SUBURBS

Much the usual activity has been evident in this area during the last month. The bands have not been so good on the whole, but despite that, most have made the best of conditions offering 2AAB has been by car to VK3 and while there had time to visit one Ham

3SP. On return stoked the gear up on 10 and threatens to invade 144. 2AGX has been off nursing the latest type of flu, but back on the air now and has installed restricted speech range in the modulator to good effect. 3APT still playing with the beam, feed line suffered last month and is getting something good in poles shortly.

The Burwood Radio Club meets at Greenwood Hall, Liverpool Road, Enfield, each Tuesday night, all interested are welcome. This club has now applied for a transmitting license, and it is hoped to commence operations in the near future on 144 Mc. Operations on other bands will follow.

2LGHU only heard on few occasions these days. busy with work seems to be the reason. SSC putting out a nice signal. reading the mail we hear that Sam suffers a lightning strike to his rig despite the arrestance. little damage done fortunately, and business as usual. 2LGHU finds a little time to get on the air, but busy with domestic chores. Will be v.f.o. controlled one day 2LGHU worked on 30 recently, putting nice signal out on that band.

## WOLLONGONG AMATEUR RADIO CLUB

The above club is busy training candidates for the forth-coming examinations. The club station 2AMW can be heard every Wednesday evening on 40 mx—is v.f.o., using a Clapp osc. At the moment a new freq. meter-monitor is being built by the members.

Don Smith, W7DZ, is a ham who has been constantly operating ZAMW's rig but has now portioned of a 40-20 mx 50w rig built and hopes to operate from his own QTH. Don SAFD using a Type A Mk III from new QTH at Woosona, building a new phone job for 7 and 14 Mc. Howard K9CND back behind bars, says he will be in 8 in new car fully meclered; can be heard on 30 c.w. Col SAGZ experimenting with 2 mx gear, should be putting signals out soon; heard working 30 mx DX on h.w. vertical with much success. Eric DW, very active due to work, is building converter and expects to be on air. Problem now is how to get beam of sound.

Harry 2AXX heard on 30 working VKR 7. W. JA and a VRI; sorry to hear the OM is due to QRT for 3 months for health reasons, but wishes Harry. Kevin 2AFF only heard on leave periods from R.A.A.F. (Mab) on 40 and 20, but has been in the area from 1945 to 1947. Charlie 2MT heard chasing DM on several bands, good work Charlie old boy, but don't keep such late hours. John 3AUB in camp, will be out shortly and will regain his ear-bashing championship from the local boys working 40 m.u. John 3HT been QRT for some time, having to vacate his QTH, has a new home almost completed and will be on the air again this month.

## NORTH COAST AND TABLELANDS

The even of the year will take place on April 13, 13 and 14 at Uruanga. It is the "Annual Do" of the North Coast gang which has proved to be a very successful affair for the past few years. It is popular in fact that some of the chaps who have returned there for their holidays and Hart 2X0 has even built his own shack there. Present arrangements are for the chaps to come to Uruanga if you wish to meet some of the chaps to whom you have spoken so often. Then this is the time to meet them. The chaps who are making definite starters are 2X0, 2X2, 2AHE, 3XU, 3RK, 3AR, 3IS, 3WH, 3AV, 3ACD, 3AAB, 3ASW, 3ARF, 3ZU, 3BH, 4GO, 4PF, 4FN and 4H. They are coming from all over the island including the old "Moniker" Fred Leader who is well known to many of the old timers. Make sure you are there to see them. It is a pity forgetting a receiver for the 144 Mc. odden to hunt as the prizes for the various competitions will easily allow you to clear expenses. See you there.

Associate Arthur Monk had a pleasant tour visiting Hams on the Western Plains. Fred DXK has been heard at Kempsey working the DX on 80 from his new GTN. John 2AMV has been holidaying on the North Coast and is enjoying the weather. Peter 2PZ has been at facilities at the various camping areas he visited however this did not prevent him from making many pleasant contacts with his portable rig even when his battery was on the way down. Peter 2QJ has had a spate of worry the last few weeks but has been able to get out on the air not too well of late but pleased to relate they are all OK once again. Peter 2PA is back home again complete with XYL in a who has recovered from her recent illness. Likewise Doug

Richard ZKO's Jr., has journeyed to New-  
castle to attend college and will no doubt be  
well-represented in the summer Missed out on  
a very interesting 12-minute over from Norm  
ZRK the other day. Although his sign were S  
max, I could not copy a word! Norm omitted  
to plug in his mike. However things like that  
happen to us all at times. ZMM is another repre-  
sentative of the big smoke who will shortly  
enjoy his holidays at Uruaga.

## COALFIELDS AND LAKES

The following received from Jack RADT who is helping out while Harry SYL has a spell. Quite a number of the chaps in this zone seem to have gone QRT completely as nothing has been heard of them for some time. I trust I am not the only one who has been in the habit of calling a VK5 on 6 mxx one night. Let's hear from some more of you and what have you done with Max 2KZ? There is much silence in the VK5 zone. Ken is working portable at this location and putting out a fine signal on 40 and 80. FVU had to throw lots of junk out of the gear and make a new antenna. The new antenna is on 144 Mc. but threatens to do something soon.

3VZ now has a 30 mx beam adorning the back yard so we will be interested to hear how it performs. Here in Cesanock, 2YL reports activity for the month as one night on 30 mx -- nearly eight contacts and eight countries. One of the 2YLs has a monthly 30 mx beam. 3000 Harry 2ADT has had contacts on all bands from 60 to 3 mx. Conditions on 2 mx have been quite good and VK8 contacts on 6 ma are a specialty at this location. The doings on 444 have been steady. 3BZ intends to use the material for new beam. Not to be outdone by all the local advice he intends to make it a 3 over 8 according to latest reports. Class 2ARV continues to keep 40 alive in that part of the country. 2MR is not as regular as of yore, but

## WESTERN ZONE

Red ZAGC, after a three-state, 5,000-mile trip, needed a holiday so went to Sydney and bought a new car. Concomitant has since had over eight inches of rain, so the "new job" still isn't going to be a "new job" for the time being. ZAGC, now SNV but not on the air as yet, via 2VR, ex-Broken Hill, has secured a flat in Bathurst and is now looking for somewhere to live. The SNV is now in the hands of a new owner, day on the 28th by maintaining a strict radio silence; twenty-one again Bill? Bill ZMO planning a visit to NSW at Easter. After long recollections of the 1930s, Bill ZMO says: "If it ever recurs remote prove correct; 50 Mc. gear bearing completion. A very welcome visitor in April will be Fred Loader, 71-year-old ZLar, known to many as 'Grandpa' and 'Old Fred' in 'Monitor.' In the early 1930s Fred monitored the 80 mc band and was a regular listener on 2VR. Fred was a very good friend of mine, and his visit Fred will stay with SMC, Quirindi. ZKO Raleigh and 2NS Bathurst, also the home of the late RJL, Reg Fagan, of 'Sunrise'.

From Dubbo it is learned that Max still is moving his new home and active on the 14 Me with a multi-element rotary and mighty 14 Me oversteers. 2AXS active on 7 and 14 Me Noel 2APE heard on 7 Me. 2VZ not heard since Fred moved into new shack. Bill 2A2C inactive as far as can be ascertained. Russ 2A0X active on 7 Me. Home and keep in contact with the a.c. supply. Newest Ham in Dubbo is 2APX; will be looking for a contact as soon as you get going Eric. 2AMR very kindly supplied the above Dubbo news, and Tom says he is QRL with a wolf and the building of a caravan for his girlfriend. The 20 Me band is very quiet Jack 2OF of Doonside, heard occasionally on 7 Me keeping shreds with 2AGA.

John 2AIXV on a caravanning trip on the North Coast looking for any possible places a tx could be hidden round Uruksa. For the first twelve days it rained. At 2WH, radio this month has been seriously interfered with by preparing for and recovering from a fishing trip. Yes the big ones got away. Main interest, still trying to make two-way contact with Bathurst and Sydney on 144 Mc.

## WINTER BRANCH

An exceptionally large roll up at the February meeting was treated to a very fine lecture by IDZ Johnny spoke on the "Rothman System of Modulation and the lengthy and evidentiary discussion which followed was conducted in the mastery manner in which the case was presented. And we don't mean the brief case from which John pulled the modulator capable of giving enough audio for a 500 watt carrier!

President MCS was in the chair and Lionel extended a hearty welcome to 307 ex-Broken Hill Max now residing here and we are pleased to have such a progressive Ham on the bench. One of the first of his announcements was that ZMC that he was shortly leaving the district for Tasmania. Mr President spoke for all when he stated that although we were sorry to lose him, his departure was a great benefit to the club. Bill's affable manner made him popular with all, and I know from personal experience he was always ready with a helping hand. Best of luck to you, KYL, and family in the UK. Members were then asked to vote for President. RAPS again taking active part in meeting.

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luck with the Renault which left same rather crumpled along one side.

The S.W. Zone Convention will be held on the week-end of 5th and 6th April. The Convention will be held at Geelong and bring along that d.f. equipment as to boats will be held on the Sunday — . . .

## QUEENSLAND

It is with pleasure that I hand over the Sub-Editorship to 4AP. Let's hope you get the cooperation from the same correspondents. All Good luck 4AP OM and I sure look forward to reading your articles. I cannot sign off without thanking Clare for her regular monthly contributions. I hope we will still continue to read your corner, Clare.

Our new Federal Councillor, 4FE, figured in an unusual set-up the other day. He was the VK4 member of a large round table between a W and a VK3 VK5, VK6, and VK7. Also the same gent heard a VK3 on 144 or was it 288 Mc? I do not know, but anyhow I know he had no Tx to reply on because he had lent it to me. Did I ever tell you about Clare's Pop (4NC) and how he painted himself into the corner of the bathroom? What is more, the paint wouldn't dry for days.

We are very grateful to young 4FP for accepting the job of Secretaryship again. Same goes to the QSL boys too, but I know John has a little more work to do than other members of Council which also includes the publishing of "QTC". In fact thanks all you chaps who went back for a second helping.

Bob 4RW reports he worked 4ES at some place called Lamond and 4TM at Cunningham, also 4LN somewhere in Victoria during the Field Day Contest. He has just sent the cards for DX C.C. membership, congrats Bob OM. He is not sure if FIBKVA is OK or not for DX C.C. Has anybody any clues?

Well, cheerio and thanks for having me for the past 18 months. Like a bad penny, I'm sure to turn up again but in the meantime please send all the gossip you can to either Clare or Alf 4AP.

### CLARE'S CORNER

Congratulations to Ray 4PJ and his XYL Olive on the arrival of a son. No more staying up late to work DX like Ray or you'll wake the baby. 4GC the "Chernside Clipper" has purchased a car, so I wouldn't be surprised if

Ham SDR suffers for a while and jaunts in the car taking first preference. 4ZB, having worked that elusive JAB, has now only to wait for the cards before he can claim the "Worked All Japan Award."

Holidays seem to be the order of the day lately. 4ES and family are going on a motoring holiday down south. 4EL will be down from Townsville to spend his holidays with his family at Camp Hill. JGH and a couple more Bollater boys will be spending a holiday in Brisbane, including 4TJ who will stay overnight and then travel to the South Coast. 2AIR is back home after holidaying here for a couple of weeks. It's a wonder Hans can afford holidays after buying radio parts these days.

Shortly 4TN and 4AP will be taking over the positions of Station Manager and Sub-Editor respectively. Best of luck to both of you. 4TT is replacing the folded dipole with a ZL special. Hope it works out OK. Tom. 4EL of Townsville seems to be in possession of a secret weapon. He contacted 4EE and Arthur's final tube blew up, he then contacted 4NC whose power transformer went up in smoke. 4WF then broke in and finished the contact with a spare for everything close handy.

### COUNTRY JOTTINGS

From 4GG we heard that he had words with 4RF at Cominya who reported that 4LT is leaving Cominya for Nanango and hopes to be on the air from the new QTH. 4RF himself also expects to be leaving Cominya but so far no new QTH has been suggested.

From 4GH at Maryborough we are told that 4BG and 4AI are doing well on 50 Mc. 4BG is using a three element beam and 4AI a folded dipole, the former having had 18 QSOs, and 4AI 11 ASE has left the retail trade and has joined the local b.c. station. He is also active on 30 mcs. 4KG has joined the S.A.A.F. again. This time permanently we hear, so it looks like a brand new motor boat will be for sale. 4GN once more swings the stick at school after a very f.b. vacation, but Gordon reports that the fishing was very poor.

— . . . —

## SOUTH AUSTRALIA

The monthly general meeting of the VK5 Division for February was held at the clubrooms to a very representative gathering and

the guest speaker was Dave Hosking 5DH who gave a very interesting lecture on "The new South Australian Railway's diesel trains." These new diesel trains have aroused quite a deal of interest throughout Australia, and as Dave was connected with the installation right from the beginning, it was expected that he would be the right man to lecture on them, and I might say that our expectations were exceeded. The vote of thanks was passed by Bob SRT and it was received with the same enthusiasm as was the opportunity to ask questions which preceded it. Nice work Dave.

At the opening of the meeting Ross 5LW welcomed the President "Doc" 5MD back to the chair after his illness, and although he left the meeting early, he found time to sweeten the chair for the President (Hail) for taking the chair in his absence, and with a sneer in his voice he alluded to the fact that the Vice-President ("Pansy") had weakened the legs of the chair at times. Among the welcome visitors were Messrs. Beason (4), Roper, Smith, Fletcher, Orr and Laidlaw. To these gentlemen we say welcome and come again.

Bert SDR, who puts up such a good performance in the Jubilee Relay Contest, has now left the lighthouse at Kangaroo Island and is domiciled at the lighthouse at Cape Borda. Congratulations Bert, you put the VK5 Division well out in the spotlight. Heard George 5GD on 20 the other Sunday asking a VK3 for a check on his phone, so I presume that he has been bitten by the bug again, welcome back OM. 5FD should be given the job of publicizing OM for Clare judging by the way he was rapping it up on 40 the other Sunday, although he did not exactly rap it up when describing his QTH as regards noise level. By the sound of it the noise level must be terrific. Ross 5LW has been telling all and sundry on 30 mcs about the annual fishing trip that he and Max 5GJ had and he made it sound like a "fisherman's paradise." It appears that they caught over 300 crabs and heaps of whiting, and finished up using the said whiting for lobster bait!

Alan 5VO was heard telling Brian 5PQ of his proposed re-building programme and apparently he considers that his newly built shack deserves something better than his old rig, because he was giving dark hints of separate coils for all bands and a scoop-doppler Tx with fixed-tune converters for each band, with a tuneable i.f. Robert Pearce, one of my spies,

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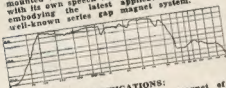
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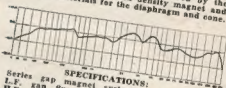


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